

IN THE CLAIMS:

Please amend the claims as set forth below. A copy of the pending claims is provided herewith as Exhibit A.

Please withdraw amended claim 43 and replace it with originally filed Claim 43, which reads as follows:

61 43. A transformed yeast cell comprising a reporter gene under control of a pheromone-responsive promoter, a heterologous G protein-coupled receptor gene, each said gene being under the control of a separate promoter, a mutation in a SCG1/GPA1 gene, and a hybrid Gα protein.

Add new claims 59 and 60 as follows:

59. A transformed yeast cell comprising a reporter gene under the control of a pheromone-responsive promoter, a gene encoding a heterologous G protein-coupled receptor, each said gene being under the control of a separate promoter, a mutation in a SCG1/GPA1 gene, and a hybrid Gα protein.

62 60. A transformed yeast cell comprising a reporter gene under the control of a pheromone-responsive promoter, a gene encoding a non-yeast G protein-coupled receptor, each said gene being under the control of a separate promoter, a mutation in a SCG1/GPA1 gene, and a hybrid Gα protein.

REMARKS

At the outset, Applicants thank Examiner Brannock for the courtesies extended during the telephonic conference with Laura Coruzzi and Eileen Falvey on March 31, 2003. During that interview, the Examiner indicated his permission for Applicants to withdraw their previous amendment to Claim 43, and to submit additional amendments and a supplemental response.

By this amendment, the previous amendment to Claim 43 has been withdrawn, thereby removing the claim limitation which was added to Claim 43. Claim 43 was originally filed in an amendment filed January 26, 1998 the parent Application Serial No. 08/461,383. Support for the patentability of Claim 43 has already been made of record.